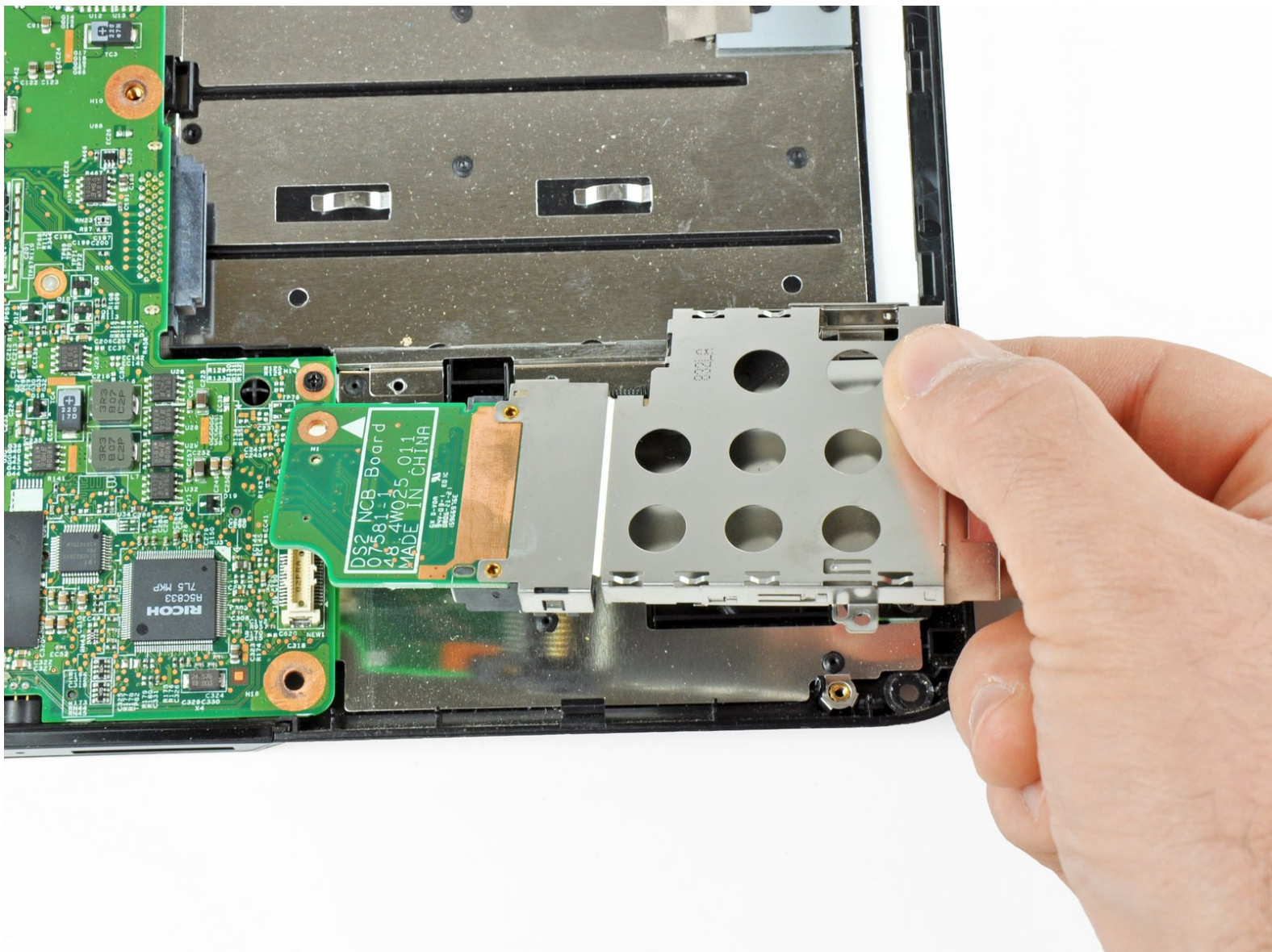# Dell Inspiron 1525 ExpressCard Cage Replacement

Replace the ExpressCard Cage in a Dell Inspiron 1525.

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INTRODUCTION

Use this guide to help you replace the ExpressCard Cage in a Dell Inspiron 1525.

🔧 TOOLS:

- Phillips #1 Screwdriver (1)
- Spudger (1)

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Step 1 — Battery

- Locate the battery release switch on the bottom of the laptop.

Step 2

- Slide the battery release switch away from the lock symbol until you hear the battery click.

- Slide the battery towards the back of the laptop until it comes free.

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Step 3 — Central Control Cover

- Remove the two 4.00 mm Phillips #1 screws from the battery tray.

Step 4

- Insert the flat end of a spudger into the slot on the right side of the central control cover and pry it up.

- Carefully pull the central control cover up along its edges.

  ⚠ Do not attempt to completely remove the cover, as it is still attached via a ribbon cable.

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Step 5

- Peel back the silver tape securing the ribbon cable to the cover.

- Pull the small brown latch on the ribbon cable connector out.

- Disconnect the ribbon cable to completely free the central control cover.

Step 6 — Keyboard

- Remove the two 5.75 mm Phillips #1 screws securing the keyboard to the laptop.

- Gently slide the keyboard towards the display until the tabs on its front side are free.

  ⚠ Do not force the keyboard too far forward or attempt to remove it yet, as there is still a ribbon cable connected to it.

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Step 7

- Use a spudger to gently lift the ribbon cable retaining flap.

- Disconnect the ribbon cable.

- Shift the keyboard sideways enough to free one side from it's retaining tab. Then lift the keyboard away from the laptop.
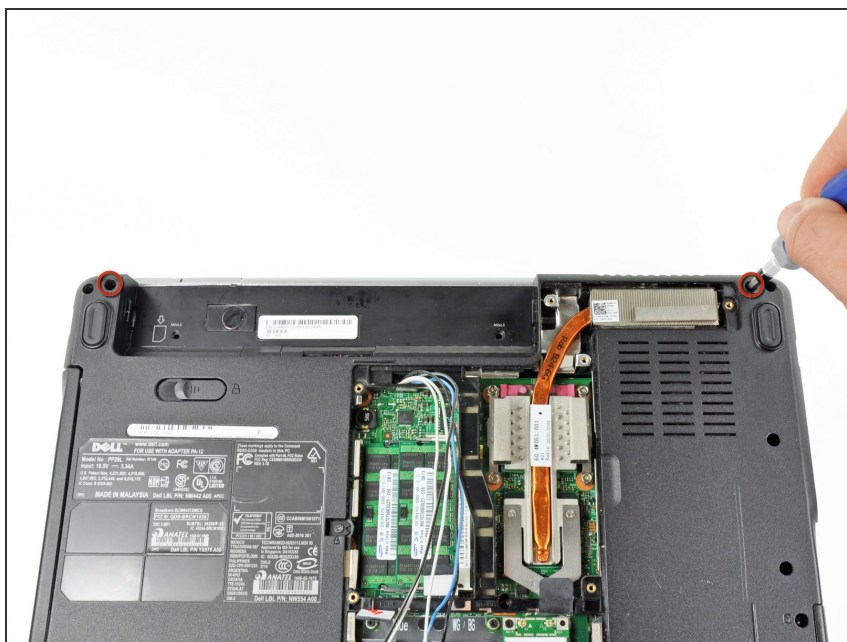
Step 8 — Bottom Cover

- Remove/loosen the eight 4.80 mm Phillips #1 screws securing the bottom panel.
  - The screws may only need to be loosened, as they are generally retained by plastic washers.
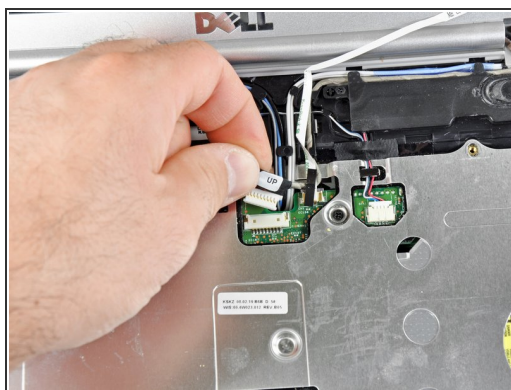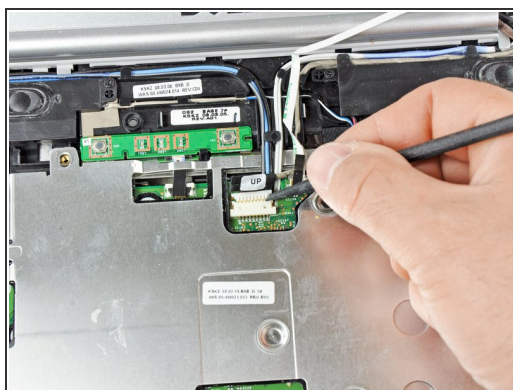- Remove the bottom panel.

Step 9 — Display Assembly

- Disconnect the five antennas from their respective cards.
- De-route the antennas from their routing retainers.

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Step 10

- Remove the two 5.70 mm Phillips #1 screws securing the display assembly to the bottom case half.

- ⓘ The screw holes will be denoted by an embossed "D" by the hole.

Step 11

- Use the flat end of a spudger to push the camera connector out of its socket. Alternate pushing on either side to evenly remove the connector.

- Carefully release the connector from its retaining tabs.

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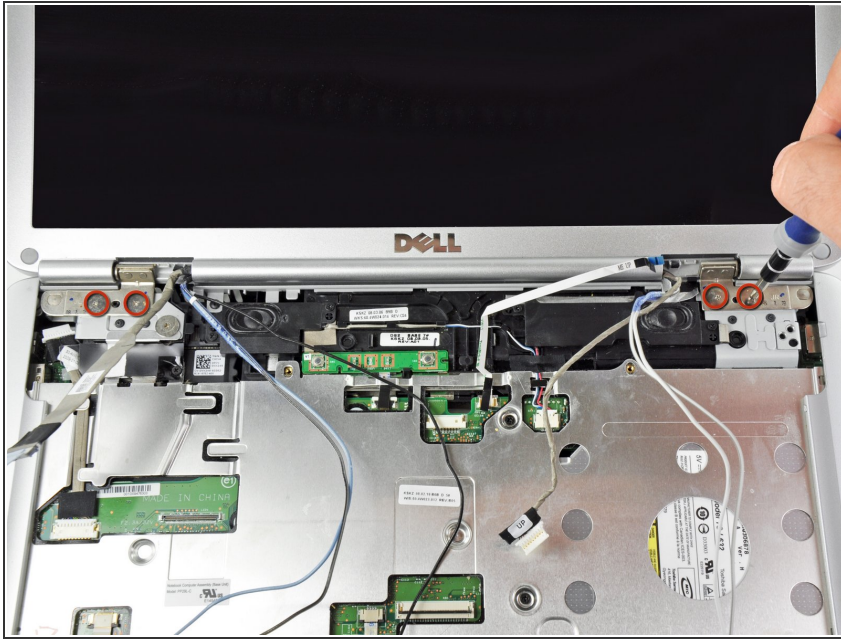
Step 12

- Push the antenna wires up through their hole in the bottom case half.

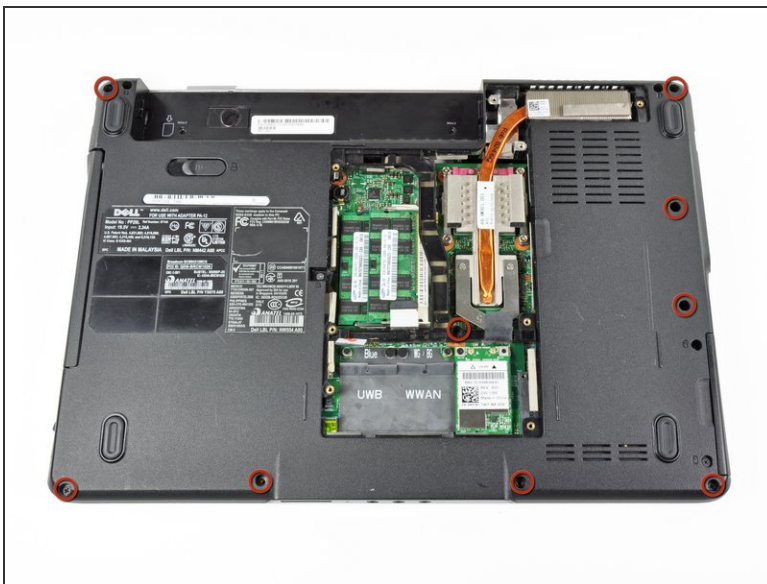- Release the antennas from their retaining tabs on the upper case.

Step 13

- Disconnect the flat LCD ribbon cable by pulling it up by the tab.

- Free the ribbon cable from its retaining clips.

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Step 14

- Remove the four 3.45 mm Phillips #1 screws securing the display assembly to the laptop chassis.

  ⚠ Support the display assembly as you remove these screws to prevent damage to the screw and hole threads.

- Remove the display assembly from the laptop.
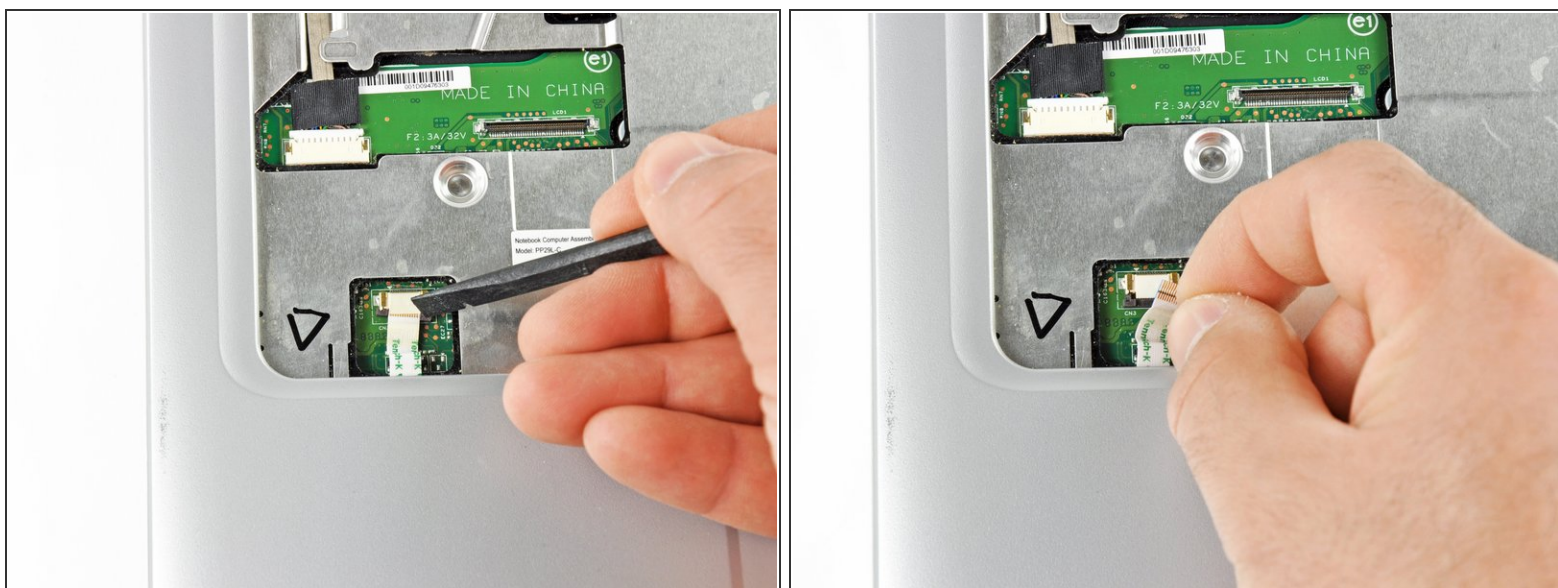
Step 15 — Upper Case

- Remove the nine 5.75 mm Phillips #1 screws on the bottom side of the laptop.

- Remove the two 5.70 mm Phillips #1 screws on the top side of the laptop.

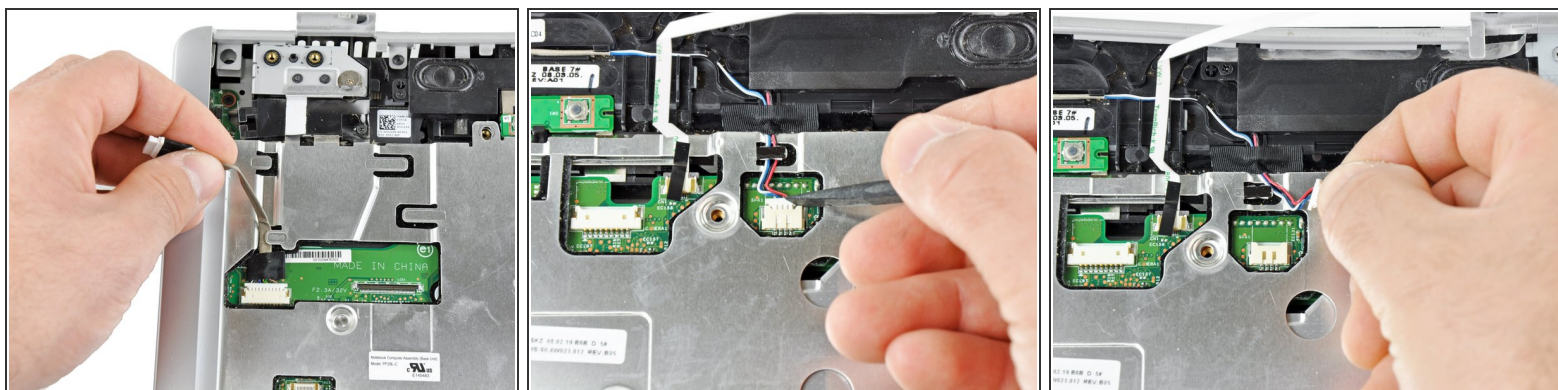This document was generated on 2020-11-17 10:45:21 PM (MST).

Step 16

- Use a spudger to pull the touch pad connector latch towards the ribbon cable.

- Pull the ribbon cable out of the connector.

Step 17

- Use a spudger to pull the device status LED connector latch towards the ribbon cable.

- Disconnect the device status LED ribbon cable.

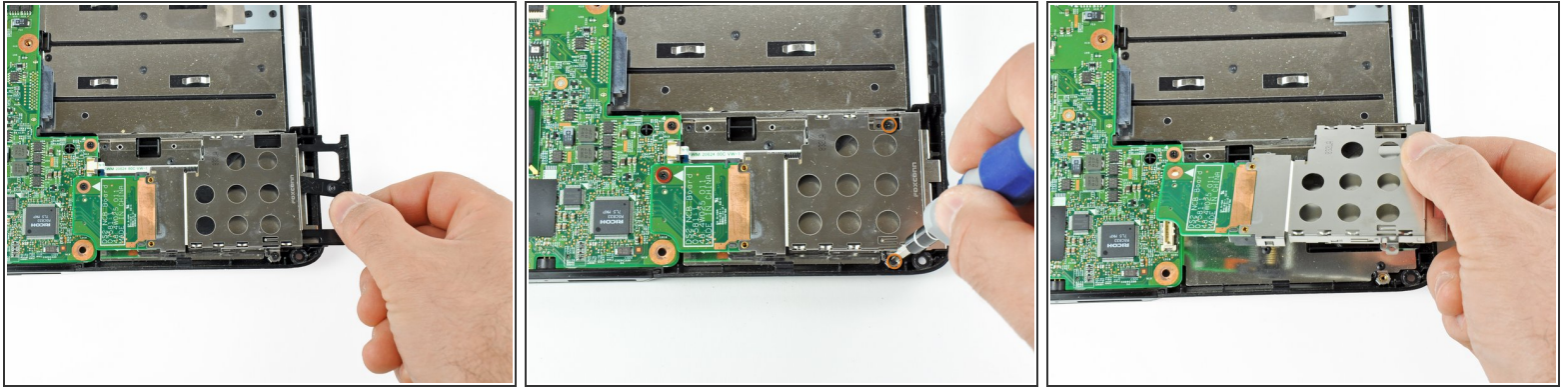This document was generated on 2020-11-17 10:45:21 PM (MST).

Step 18

- Release the ribbon cable in the upper left corner of the laptop from its retaining tabs.

- Use a spudger to unplug the speaker connector at the top center of the laptop.

- De-route the speaker wires from their retaining tabs.

Step 19

- Use the flat end of a spudger to begin lifting the upper case at its front edge.

- Lift the front edge of the case up until it comes free.

   ⚠️ Work slowly and be sure not to get any cables caught in the upper case holes and guides.

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Step 20 — ExpressCard Cage

- Eject your ExpressCard or ExpressCard dust shield if you want to transfer it to the new ExpressCard cage. Eject the card by pressing it in until it clicks, releasing it, then sliding it out.

- Remove the 3.80 mm Phillips #1 screw securing the ExpressCard cage.

- Remove the two 3.70 mm Phillips #1 screws securing the ExpressCard cage.

- Lift the ExpressCard cage out of its connector.

To reassemble your device, follow these instructions in reverse order.

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